

IN THE CLAIMS:

Please amend claims 1-19, and add new claim 20 and 21 as follows:

1. (Currently amended) A ~~dynamic searching~~ method of dynamically searching video contents, the method comprising ~~the steps of~~:

[[~~(a)~~]] determining a normal replay section and a fast forward replay section with ~~considering based on~~ shot index information and a current replay location; and

[[~~(b)~~]] replaying the video contents from the current replay location at ~~corresponding speeds according~~ corresponding to the determined sections.

2. (Currently amended) The ~~dynamic~~ method of claim 1, wherein ~~the step (b)~~ replaying the video contents from the current replay location comprises ~~the steps of~~:

~~(b-1)~~ fast-forwarding the video contents from the current replay location at a speed ~~as fast as the replay speed of~~ corresponding to the fast forward replay section; and

~~(b-2)~~ replaying the video contents at a normal speed ~~as fast as the speed of~~ corresponding to the normal replay section when ~~a replay location of the video contents accords with~~ a start location of the normal replay section is reached.

3. (Currently amended) The ~~dynamic~~ method of claim 1, wherein the normal replay section is determined ~~using~~ based on a start location and length information obtained from the shot index information.

4. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein, in the normal replay section,~~ further comprising replaying audio contents as well as the video contents ~~are replayed~~ at a normal speed in the normal replay section.

5. (Currently amended) The ~~dynamic~~ method of claim 1, wherein the shot index information comprises section information in a stream for an individual shot that is a physical editing unit of the video contents.

6. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising switching a~~ replay mode is switched from ~~[[the]] a~~ normal replay to ~~[[the]] a~~ fast forward replay in ~~any one case selected from the group consisting of a case that a user clearly requests~~ response to:

a user request for the fast forward replay during the normal replay in a dynamic search mode, ~~a case that the user requests;~~

a user request for a dynamic search function during the normal replay, ~~and a case that;~~ or

completion of replaying a predetermined amount of the video contents has been completely replayed at a normal speed in [[a]] the dynamic search mode.

7. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising automatically switching a~~ replay mode is ~~automatically switched~~ from ~~[[the]] a~~ normal replay ~~into the~~ to a fast forward replay after a predetermined amount of the video contents has been replayed at a normal speed during a dynamic search, and the predetermined amount of the video contents ~~to be~~ replayed at the normal speed corresponds to an entire selected shot.

8. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising automatically switching a~~ replay mode is ~~automatically switched~~ from ~~[[the]] a~~ normal replay ~~into the~~ to a fast forward replay after a predetermined amount of the video contents has been replayed at a normal speed during a dynamic search, and the predetermined amount of the video contents ~~to be~~ replayed at the normal speed is an amount designated in a first half of a selected shot regardless of a shot length.

9. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising switching a~~ replay mode is switched from ~~[[the]] a~~ fast forward replay to ~~[[the]] a~~ normal replay in ~~any one case selected from the group consisting of a case that a user clearly requests~~ response to a user request for the normal replay during the fast forward replay in a dynamic search mode, ~~a case that~~ or when a replay location of the video contents reaches a start location of a shot ~~whose~~ in which the normal replay

section is long during the fast forward replay ~~[[for]]~~ in the dynamic search mode.

10. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a fast forward into the replay to a normal replay during the fast forward replay for a dynamic search, [[a]] and wherein the~~ current replay location of the video contents is a start location of the normal replay, and a shot ~~to begin~~ to be replayed at a normal speed is selected as a shot ~~whose~~ with a length ~~[[is]]~~ larger than a predetermined threshold, wherein the length being is calculated based on shot section information (start location and end location) in the shot index information, the shot section information comprising a start location and an end location.

11. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a fast forward into the replay to a normal replay during the fast forward replay for a dynamic search, [[a]] and wherein the~~ current replay location of the video contents is a start location of the normal replay, and a shot ~~to begin~~ to be replayed at a normal speed is selected as a shot ~~whose~~ of which a division result is larger than a predetermined threshold, wherein the division result being is obtained by dividing a length calculated based on shot section information (start location and end location) in the shot index information by an average of lengths of surrounding shots, the shot section information comprising a start location and an end location.

12. (Currently amended) The ~~dynamic~~ method of claim 1, ~~wherein, when the video contents are fast-forwarded for more than a predetermined period defined in the dynamic search, replaying the video contents is automatically begin to be replayed initiated at a normal speed during the fast forward replay when the video contents have been fast-forwarded for more than a predetermined period defined in a dynamic search.~~

13. (Currently amended) A ~~dynamic searching~~ method of dynamically searching video contents, the method comprising ~~the steps of:~~

~~(a) when a dynamic search is requested during a video browsing,~~ determining a normal replay section ~~with considering~~ based on shot index information and a current replay location of the video contents when a dynamic search is requested during a video browsing;

[[~~(b)~~]] fast-forwarding the video contents at a high speed from the current replay location to a start location of the normal replay section;

[[~~(c)~~]] replaying the video contents at a normal speed ~~as fast as the speed of in~~ the normal replay section when a replay location of the video contents is [[~~a~~]] the start location of the normal replay section; and

~~(d) when the replay of the video contents on the normal replay section is completed, repeatedly performing the steps (a) to (c)~~ repeating determining, fast-forwarding, and replaying when replaying the video contents in the normal replay section is completed.

14. (Currently amended) The ~~dynamic~~ method of claim 13, ~~wherein further comprising replaying~~ audio contents as well as the video contents are replayed at [[~~a~~]] the normal speed in the normal replay section.

15. (Currently amended) The ~~dynamic~~ method of claim 13, wherein the shot index information comprises section information in a stream for an individual shot that is a physical editing unit of the video contents.

16. (Currently amended) The ~~dynamic~~ method of claim 13, ~~wherein the further comprising switching a~~ replay mode is switched from [[~~the~~]] a normal replay to [[~~the~~]] a fast forward replay in ~~any one case selected from the group consisting of a case that a user clearly requests~~ response to:

a user request for the fast forward replay during the normal replay in a dynamic search mode, ~~a case that the user requests;~~

a request for a dynamic search function during the normal replay, ~~and a case that;~~ or

completion of replaying a predetermined amount of the video contents has been

~~completely replayed at [[a]] the normal speed in [[a]] the dynamic search.~~

17. (Currently amended) ~~The dynamic method of claim 13, wherein the further comprising switching a replay mode is ~~switched~~ from [[the]] a fast forward replay to [[the]] a normal replay in any one case selected from the group consisting of a case that a user clearly requests response to a user request for the normal replay during the fast forward replay in a dynamic search mode, a case that or when a replay location of the video contents reaches a start location of a shot whose in which the normal replay section is long during the fast forward replay for the dynamic search.~~

18. (Currently amended) ~~A dynamic searching~~ An apparatus [[of]] comprising a function of dynamically searching video contents, the apparatus comprising:

a media storage unit for storing the video contents;

an index storage for storing shot index information [[on]] of the video contents;

an index generator for generating the shot index information of the video contents;

a controller for determining a normal replay section and a fast forward replay section ~~by using~~ based on the shot index information, and ~~controlling to replay~~ replaying the video contents according to the determined sections; and

an output unit for outputting the replayed video contents at speeds corresponding to the determined sections.

19. (Currently amended) The dynamic apparatus of claim 18, wherein the controller comprises:

a command interpreter for generating commands for ~~replaying control~~ controlling replay, recording ~~control~~, nonlinear video browsing ~~control~~ and indexing ~~control~~ to provide functions of ~~record~~ recording, index generation, replay and dynamic search;

a record controller for ~~controlling to store~~ storing the video contents in the media storage unit;

a replay controller for outputting the video contents to the output unit, ~~controlling to replay the~~ replaying contents of an entire video contents, and providing a nonlinear

video browsing function and fast-forward/fast-rewind functions; and

an index manager for delivering storage information on the video contents to the replay controller to provide the fast-forward/fast-rewind functions, and providing the shot index information to the ~~nonlinear video browsing~~ replay controller.

20. (New) The method of claim 1, wherein the video contents are replayed at a normal speed in the normal replay section and at a high speed in the fast forward replay section.

21. (New) The apparatus of claim 18, wherein the video contents are replayed at a normal speed in the normal replay section and at a high speed in the fast forward replay section.